

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032821.D
 Acq On : 18 Jun 2019 14:00
 Operator : JC/SP
 Sample : K3363-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS9

Quant Time: Jun 19 04:17:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 01:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205111	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	197112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66626	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.68	69	59648	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.70%
11) 1,1-Dichloroethene-d2	2.26	63	99513	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	4.17	46	140600	120.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.51%
24) Chloroform-d	4.64	84	141584	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	5.30	65	101562	55.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.90%
32) Benzene-d6	5.33	84	274532	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.86%
36) 1,2-Dichloropropane-d6	6.32	67	91651	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.98%
41) Toluene-d8	7.56	98	243973	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.84	79	40774	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.31	63	99975	130.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.80%#
57) 1,1,2,2-Tetrachloroethane-	10.42	84	138113	54.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	102140	54.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.38%

Target Compounds

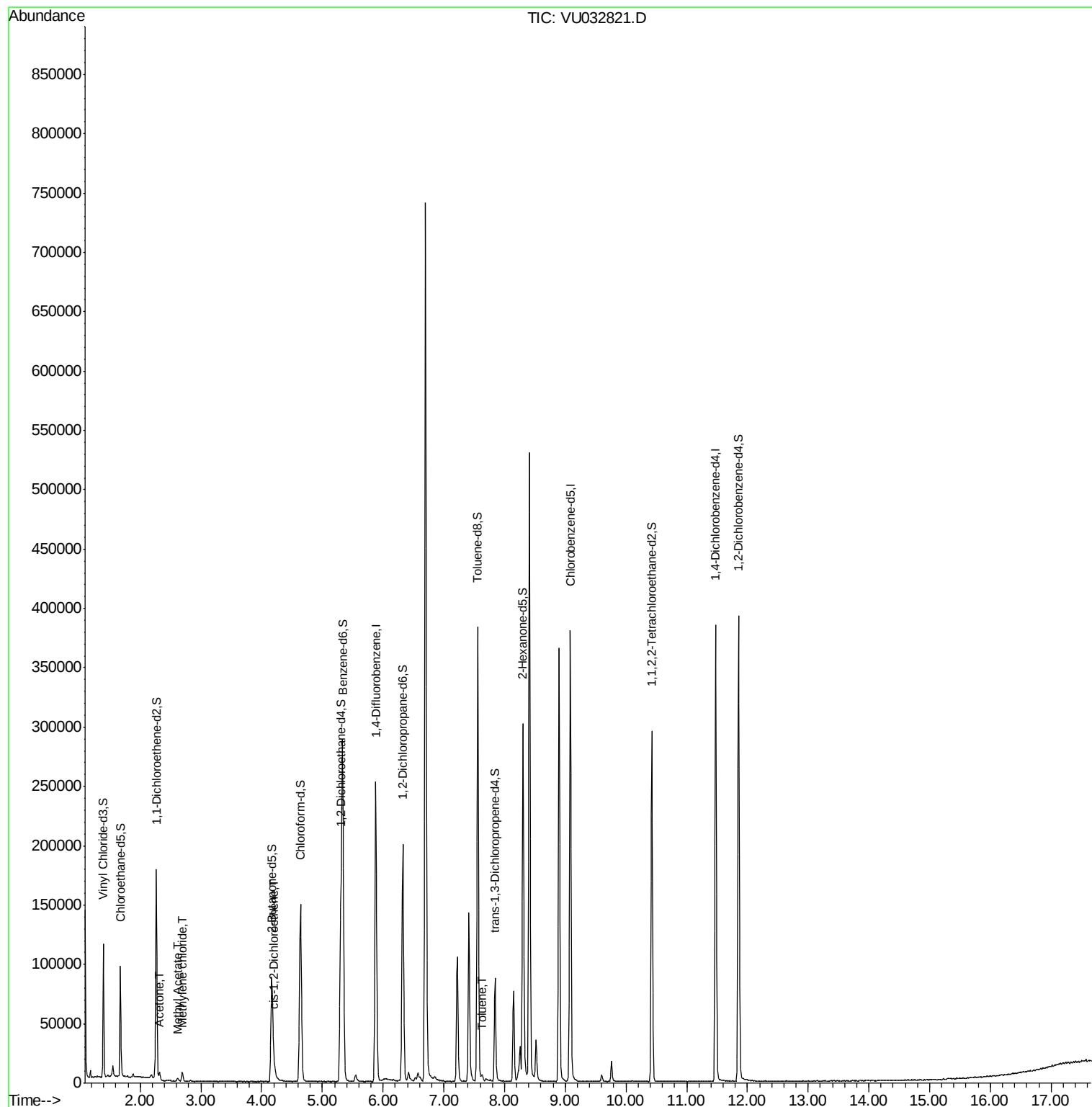
					Ovalue
13) Acetone	2.32	43	6212	3.855 ug/L	99
15) Methyl Acetate	2.61	43	3130	1.713 ug/L	99
16) Methylene chloride	2.69	84	3046	2.010 ug/L	94
20) cis-1,2-Dichloroethene	4.21	96	2086	1.367 ug/L	88
42) Toluene	7.63	91	3198	0.521 ug/L	92

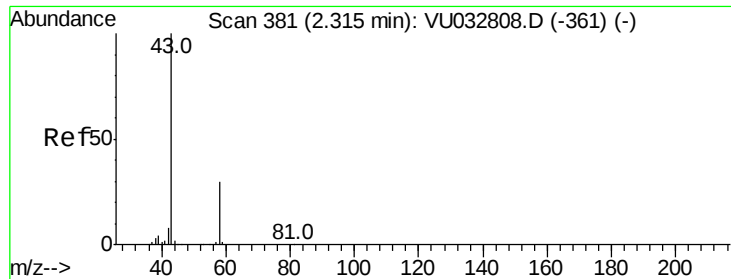
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.855 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032821.D

Acq: 18 Jun 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

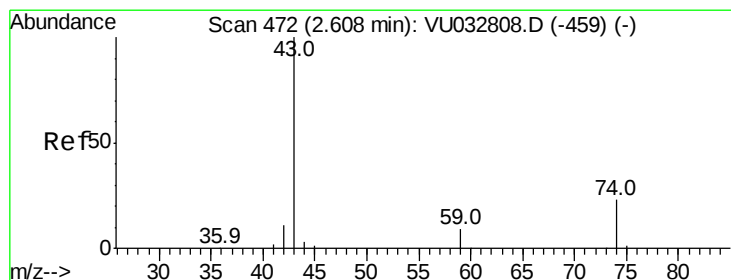
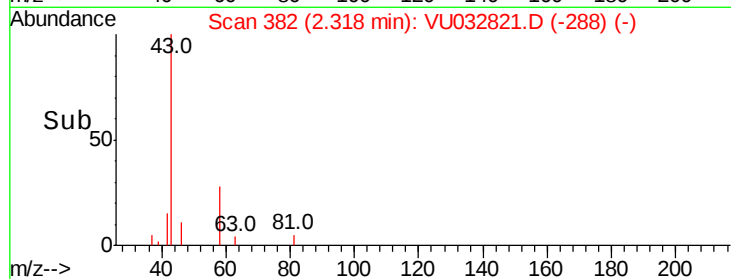
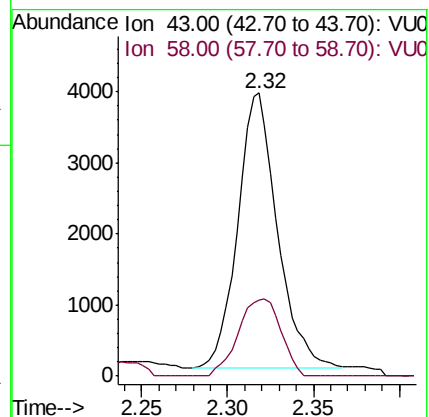
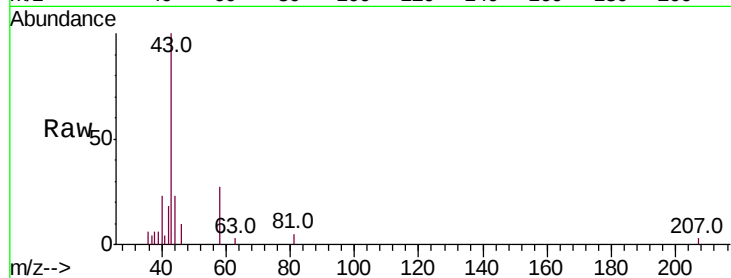
C0JS9

Tot Ion: 43 Resp: 6212

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.6



#15

Methyl Acetate

Concen: 1.713 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU032821.D

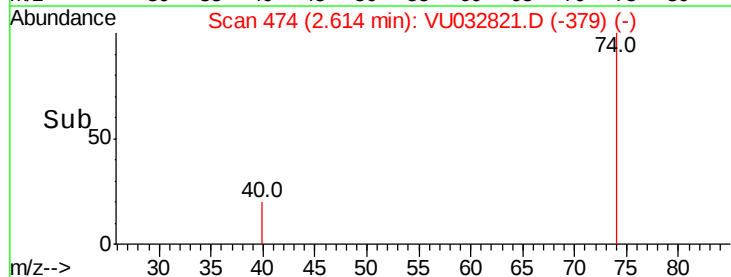
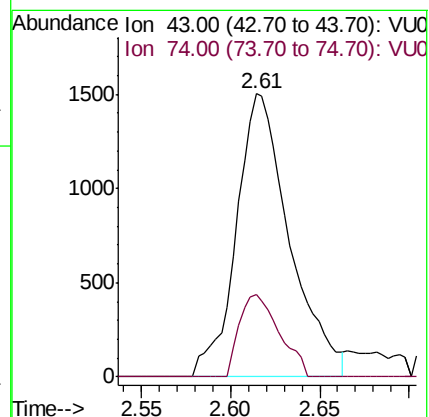
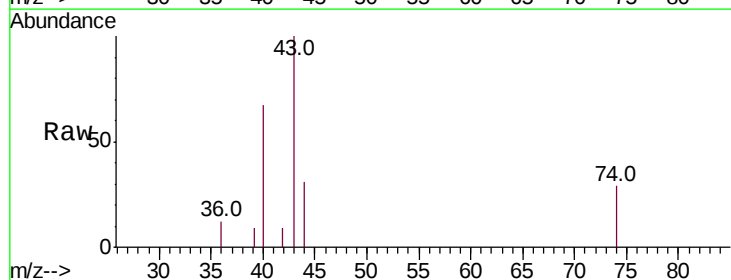
Acq: 18 Jun 2019 14:00

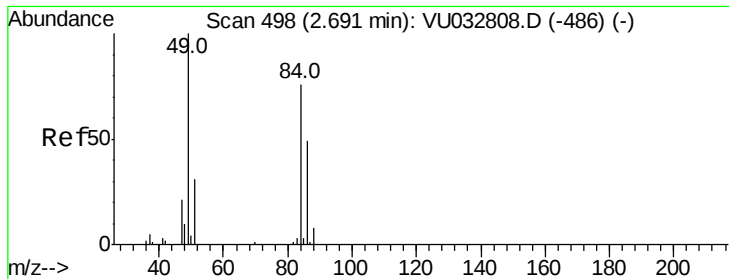
Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

43 100

74 21.9 18.1 27.1

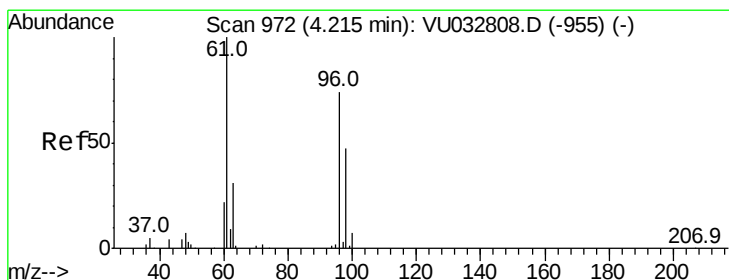
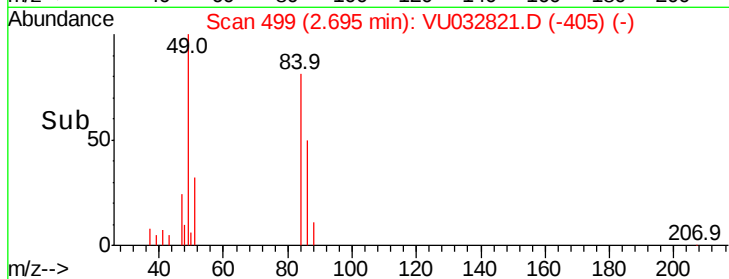
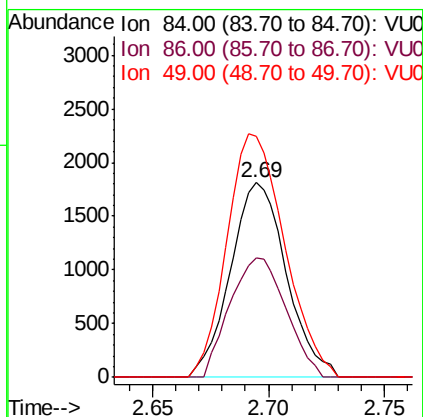
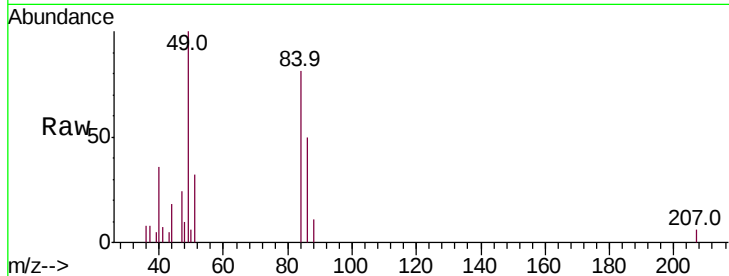




#16
Methvlene chloride
Concen: 2.010 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032821.D
Acq: 18 Jun 2019 14:00

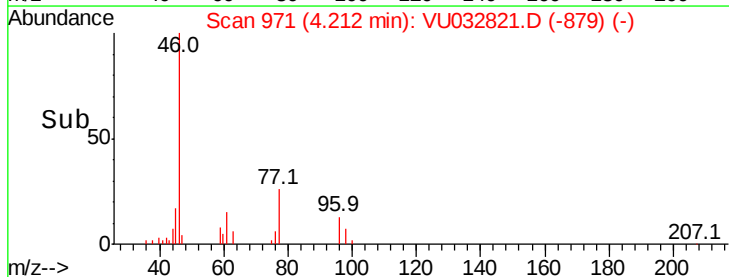
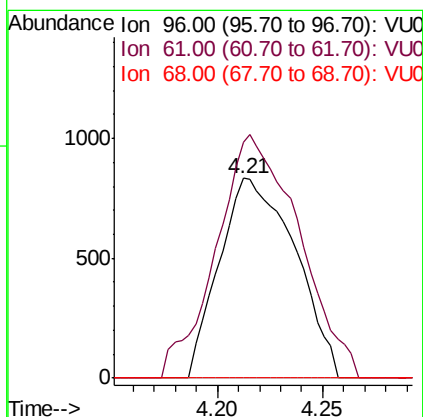
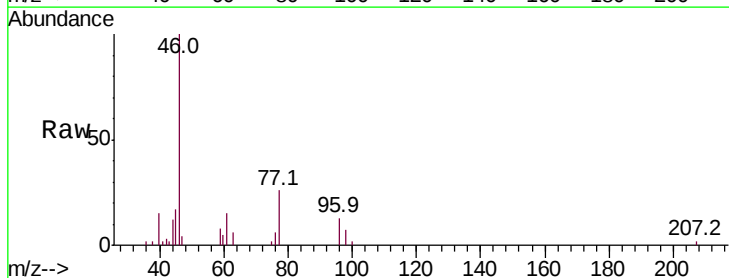
Instrument :
MSVOA_U
ClientSampled :
C0JS9

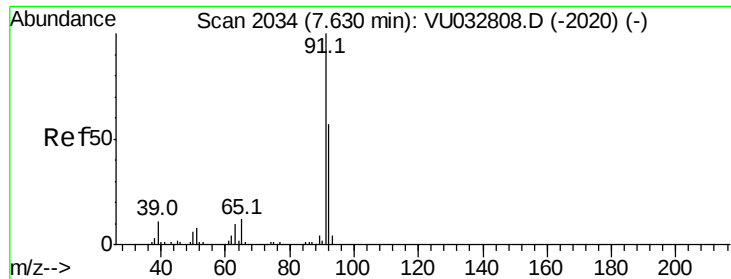
Tot Ion: 84 Resp: 3046
Ion Ratio Lower Upper
84 100
86 61.7 45.5 84.5
49 123.7 92.1 171.1



#20
cis-1,2-Dichloroethene
Concen: 1.367 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.00 min
Lab File: VU032821.D
Acq: 18 Jun 2019 14:00

Tgt Ion: 96 Resp: 2086
Ion Ratio Lower Upper
96 100
61 118.2 92.4 171.6
68 0.0 0.0 0.0





#42

Toluene

Concen: 0.521 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032821.D

Acq: 18 Jun 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

C0JS9

Tot Ion: 91 Resp: 3198

Ion Ratio Lower Upper

91 100

92 51.9 40.4 75.0

